



Mohammad Al Samman

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71210, Sarajevo, Bosnia and Herzegovina (Work)

● WORK EXPERIENCE

16/12/2022 – CURRENT Sarajevo, Bosnia and Herzegovina

ASSISTANT PROFESSOR INTERNATIONAL UNIVERSITY OF SARAJEVO

- Teach undergraduate and graduate students.
- Develop own teaching materials, methods and approaches taking into account established or agreed practices where necessary.
- Supervise the work of students, provide advice on study skills and help them with learning problems.
- Establishing academic research.
- Supervising laboratory experiments for undergraduate and graduate students.

16/05/2021 – 16/12/2022 Seoul, South Korea

POSTDOCTORAL RESEARCHER YONSEI UNIVERSITY

- Conducting literature reviews.
- Establishing academic research.
- Supervising laboratory experiments for undergraduate students.
- Preparing progress reports.

10/2015 – 06/2016 Kuala Lumpur, Malaysia

RESEARCH ASSISTANT IN UNIVERSITY UNIVERSITY OF MALAYA

- Conducting literature reviews.
- Establishing academic research.
- Supervising laboratory experiments for undergraduate students.
- Preparing progress reports.

02/2014 – 10/2015 Kuala Lumpur, Malaysia

UNIVERSITY RESEARCH TECHNOLOGY SPECIALIST UNIVERSITY OF MALAYA

- Testing, designing, developing, and maintaining of the LabVIEW® and MATLAB® programs needed to collect and analyse the data from the sport and medical equipment in the laboratory.
- Provide technical support for the medical equipment and electronic devices in the laboratory which includes National Instruments products and MAGSTIM.

09/2016 – 03/2020 Kuala Lumpur, Malaysia

LABORATORY DEMONSTRATOR UNIVERSITY OF MALAYA

Lead undergraduate students at laboratory sessions and evaluate students work.

01/2020 – 07/2020 Kuala Lumpur, Malaysia

ENGINEERING MATHEMATICS TUTOR UNIVERSITY OF MALAYA

Teaching mathematical tutorials for undergraduate students.

13/12/2019 – 13/12/2019 Kuala Lumpur, Malaysia

ICT TRAINER IEEE PES

I have trained a group of academicians and engineers during a workshop hold at Management and Science University, Malaysia. The training was about solving power system optimization problems by meta-heuristic techniques using MATLAB.

● EDUCATION AND TRAINING

2014 – 2020 Malaysia

PH. D. IN ELECTRICAL ENGINEERING: University of Malaya

Thesis Title: Optimal Distribution System Reconfiguration Incorporating Distributed Generation Based on Simplified Network Approach

Address Malaysia | **Field of study** Power system

2012 – 2015 Malaysia

DEGREE OF MASTER OF ENGINEERING BY COURSEWORK (INDUSTRIAL ELECTRONICS AND CONTROL): University of Malaya

Research project: Load Frequency Control and Automatic Voltage Regulator Optimisation Using EPSO.

Address Malaysia

Syria

BACHELOR'S DEGREE IN ELECTRICAL ENGINEERING, COMPUTER AND AUTOMATION DEPARTMENT, SPECIALIZATION: CONTROL AND AUTOMATION: Damascus University

Address Syria

● LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Programming languages:

MATLAB&Simulink | PYthon | PSCAD | LabVIEW

Other digital skills:

Microsoft Office | EndNote

● ADDITIONAL INFORMATION

PUBLICATIONS

Al Samman, M., Mokhlis, H., Mansor, N. N., Mohamad, H., Suyono, H., & Sapari, N. M. (2020). "Fast Optimal Network Reconfiguration with Guided Initialization Based on a Simplified Network Approach". IEEE Access, 8, 11948-11963.

• Al Samman, M., Mokhlis, H., Rahman, M. T., Mansor, N. N., & Alotaibi, M. A. (2020). "A two-stage method using biogeography-based optimization for simultaneous network reconfiguration and renewable energy integration". Journal of Renewable and Sustainable Energy, 12(3), 035301.

• Hanie, H., Mokhlis, H., Talip, M. S. A., Al Samman, M., Muhammad, M. A., & Mansor, N. N. "Distribution Network Reconfiguration Based on Artificial Network for Variable Load Profile". Turkish Journal of Electrical Engineering & Computer Sciences.

Mubarak, H., Mansor, N.N., Mokhlis, H., Mohamad, M., Mohamad, H., Muhammad, M.A., Samman, M.A. and Afzal, S., 2021. Optimum Distribution System Expansion Planning Incorporating DG Based on N-1 Criterion for Sustainable System. Sustainability, 13(12), p.6708.

VOLUNTEERING

03/2011 – 09/2011 Damascus, Syria

Voluntary team leader I had experience in leading a voluntary team in 2011. It consisted of more than forty volunteers from different backgrounds and ages. The main aim of our work was to provide educational support for school students. However, the team has organised several activities like sports competitions and plays